A model for SARS-CoV-2 viral kinetics

$$\frac{dT}{dt} = -\beta VT - \Phi IT + \rho R$$

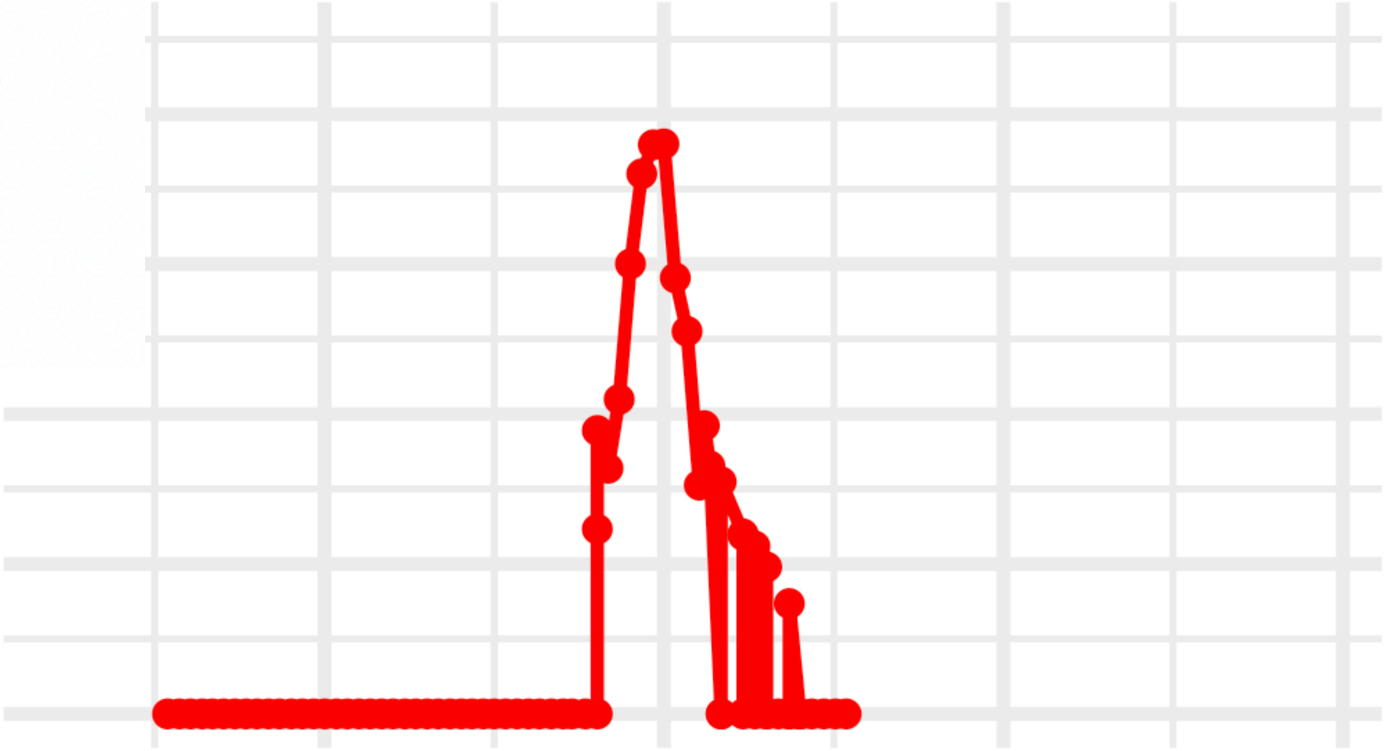
$$\frac{dR}{dt} = \Phi IT - \rho R$$

$$\frac{dE}{dt} = \beta VT - kE$$

$$\frac{dI}{dt} = kE - \delta I$$

$$\frac{dV}{dt} = \pi I - cV,$$

Ke *et al.* (2021), PNAS



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Ça monte, ça descend: